AMENDMENTS TO THE ABSTRACT OF THE DISCLOSURE

Please delete the ABSTRACT OF THE DISCLOSURE section of the patent application, and replace with the following replacement ABSTRACT OF THE DISCLOSURE, which has markings to show all changes made.

ABSTRACT OF THE DISCLOSURE

A data transmission method etc. ~~, a data transmission system, a transmitter and a receiver which can reduce the probability of detecting the rate mistakenly at the receiving side and can eliminate the need for providing buffer for temporarily storing the transmitted data at the transmitting side in variable rate data transmission~~ are provided. At the transmitting side, an error-detecting code of the transmitted data is calculated, frame by frame, the error-detecting code is arranged after the corresponding transmitted data, and frame data is generated in such a way that bit arrangements of the transmitted data and of the error-detecting code are set in a reverse order to each other. At the receiving side, the transmitted data and the error-detecting code are assumed by assuming a final bit position of the frame data, frame by frame, for the received frame data [[,]] and the error-detecting code of the assumed transmitted data is calculated. ~~Among the assumed final bit positions of the frame data, a~~ A position such where the assumed error-detecting code agrees with an error-detecting code calculated on the basis of the assumed transmitted data is determined to be the final bit position of the frame data.